

Fig. 1

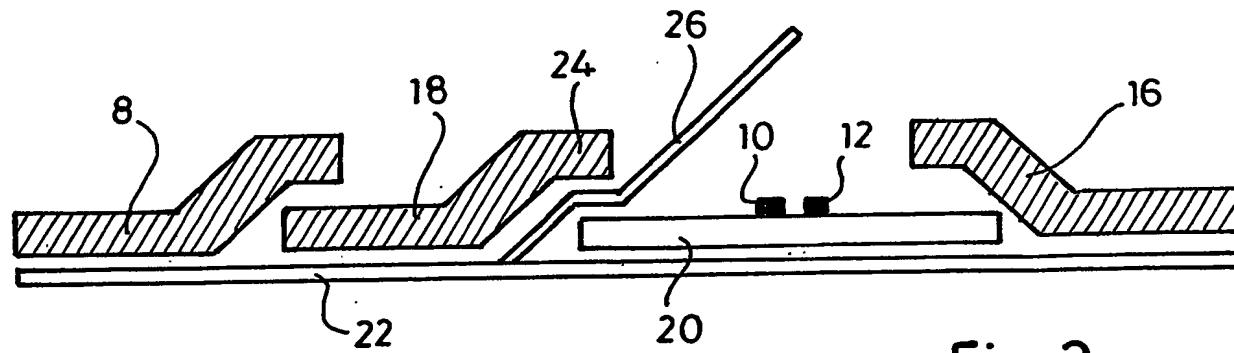


Fig. 2

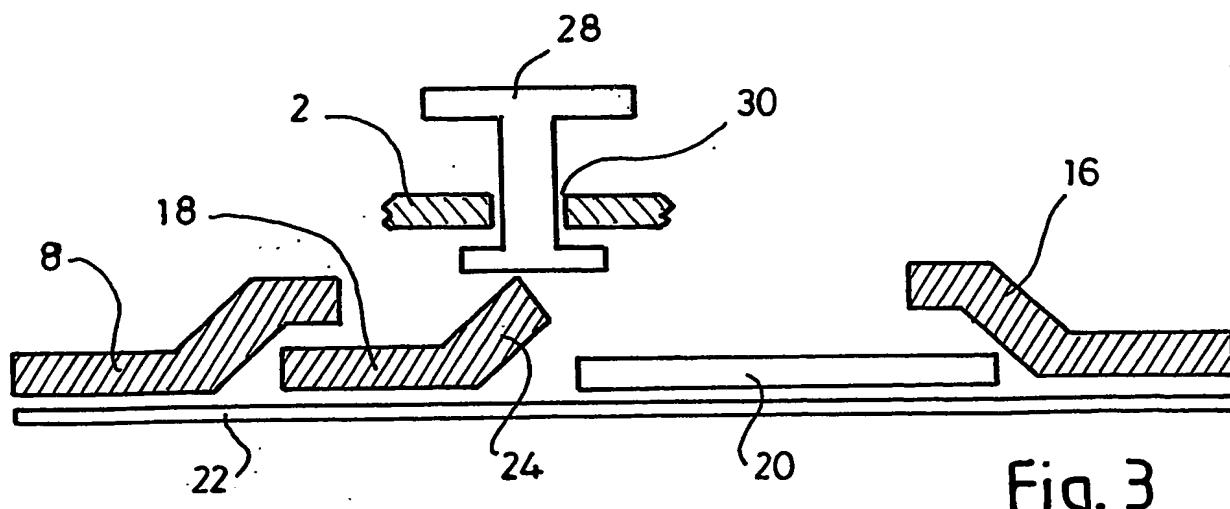


Fig. 3

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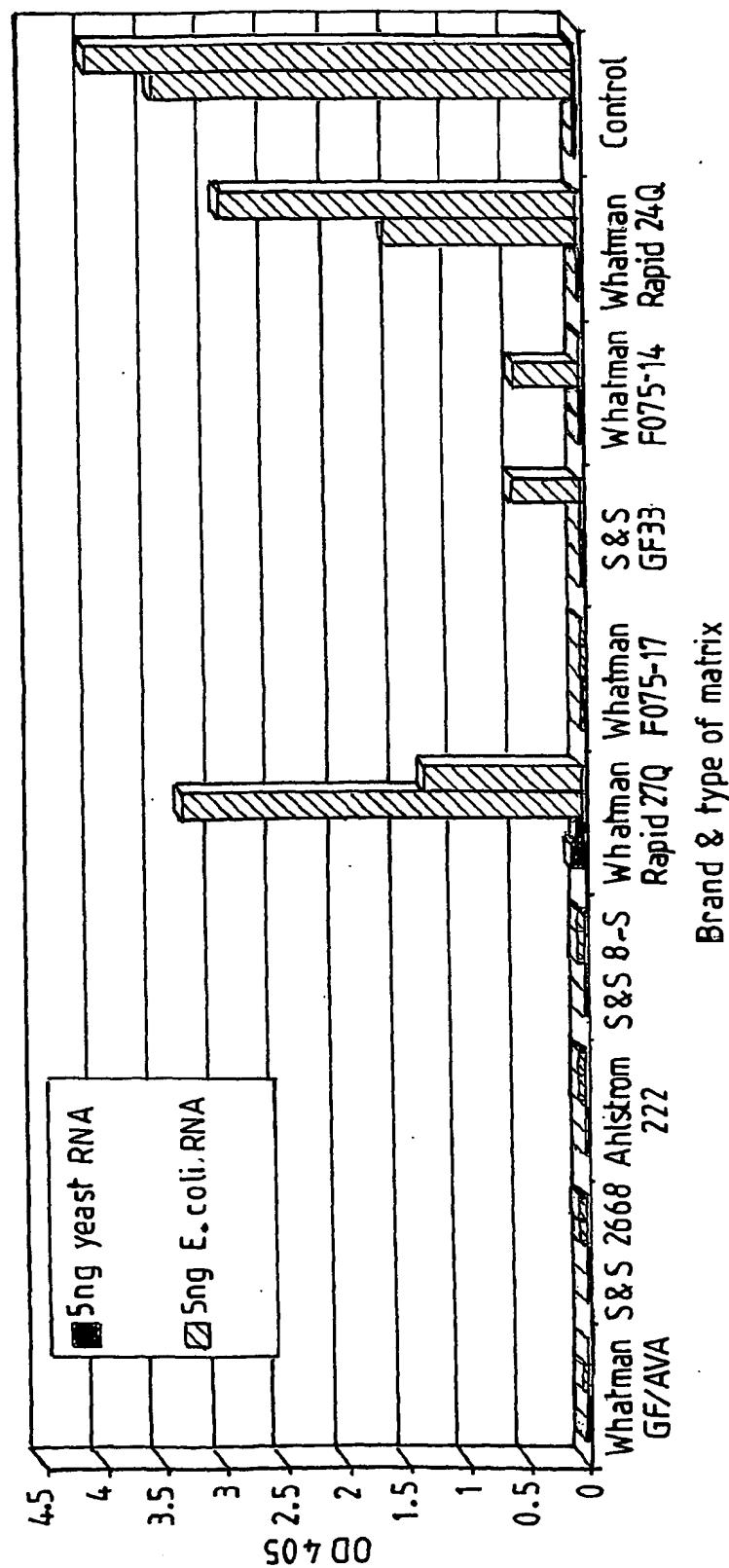


Fig. 4

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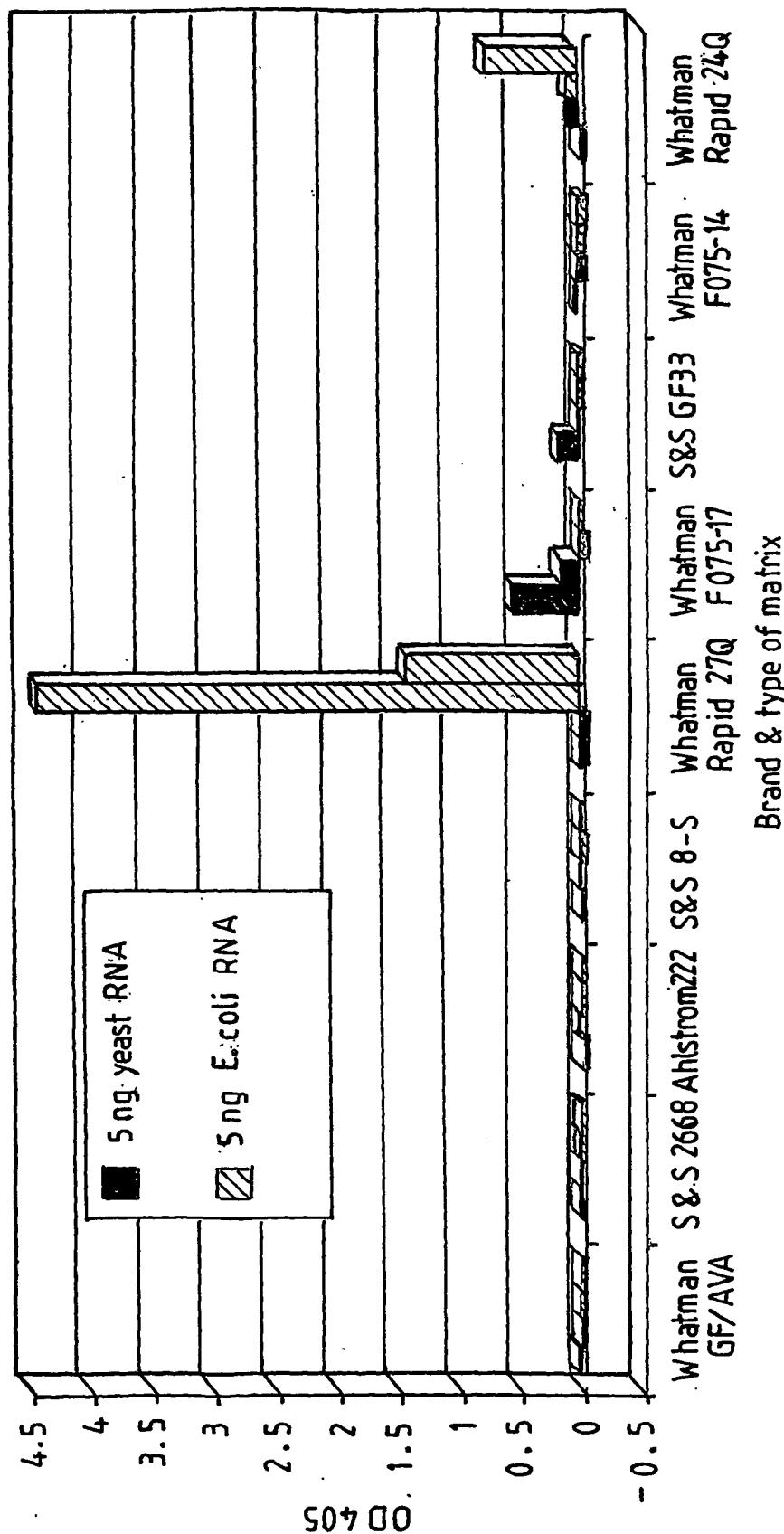


Fig. 5

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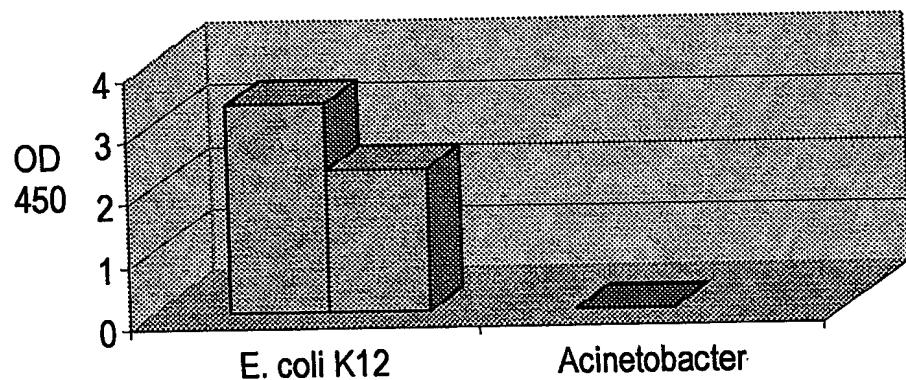


Fig. 6

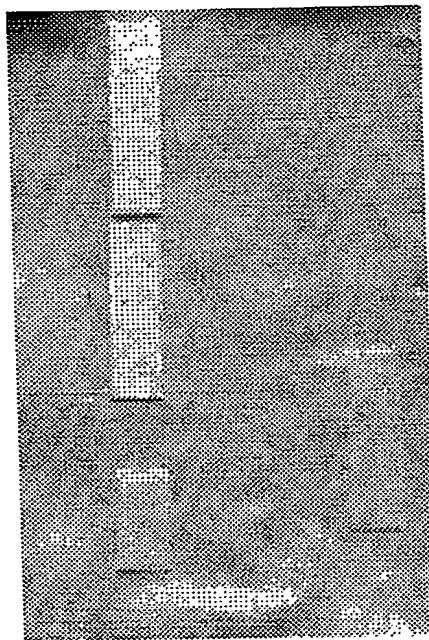
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Lateral Flow Device

20 x 5 mm Ahlstrom
222 Upper Wick →

25 x 5 mm HF135
Nitrocellulose →

10 x 5 mm Whatman
Rapid 24Q Reaction
Pad →



← 20 x 5 mm
Ahlstrom 8964

← 25 x 15 mm
Pechiney Parafilm

Fig. 7A

Result

- + *Salmonella typhimurium* ATCC 14028
- *Escherichia coli* ATCC 25922

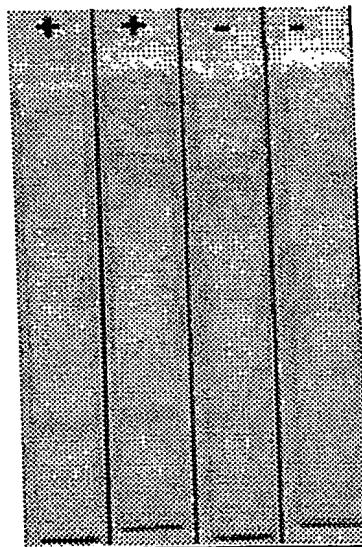


Fig. 7B

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Lateral Flow Device

20 x 5 mm Ahlstrom
222 Upper Wick →

25 x 5 mm HF135
Nitrocellulose →

10 x 5 mm Whatman
Rapid 24Q Reaction
Pad →

10 x 5 mm Whatman
FTA Lysis Pad →

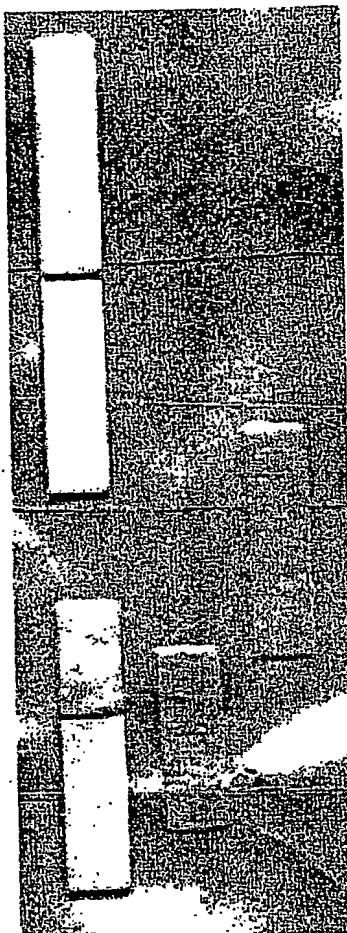


Fig. 8A

← 20 x 5 mm
Ahlstrom 8964
reaction-
nitrocellulose
pad bridge

← 15 x 5 mm
Ahlstrom 8964
lysis-reaction
pad bridge

← 30 x 20 mm
Pechiney
Parafilm

Result:

- + *Salmonella typhimurium* ATCC 14028
- *Escherichia coli* ATCC 25922



Fig. 8B

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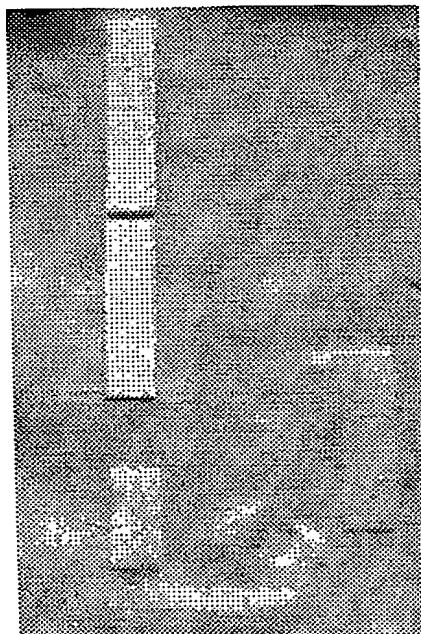
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Lateral Flow Device

20 x 5 mm Ahlstrom
222 Upper Wick →

25 x 5 mm HF135
Nitrocellulose →

10 x 5 mm DTAB
Pre-Treated
Whatman Rapid 24Q
Reaction Pad →



← 20 x 5 mm
Ahlstrom 8964

← 25 x 15 mm
Pechiney Parafilm

Fig. 9A

Result:

- + *Salmonella typhimurium* ATCC 14028
- *Escherichia coli* ATCC 25922

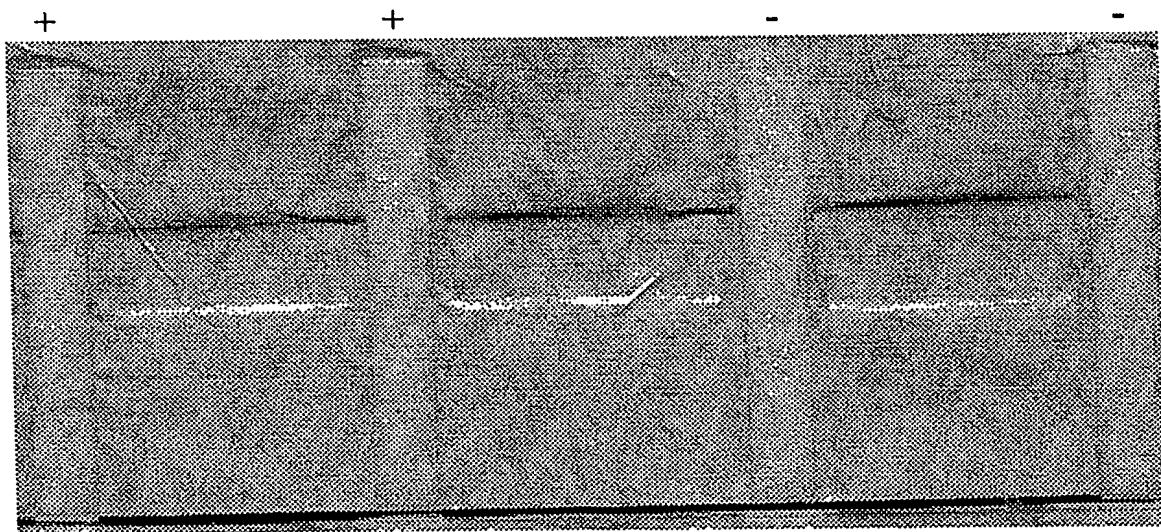


Fig. 9B